

Sajivani College Of Engineering Kopargaon

(An Autonomous Engineering College)

T.Y.B.Tech (2021 pattern, Semester-V)

End-Semester Examination

Course Name: Computer Network

Course Code:CO302

Department:Computer Engineering

PRN NO:

Total marks: 60

Time:2.5Hour

Instruction to the students:

(1) Total number of questions are 12.

(2) Attempt Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8, Q9 or Q10, Q11 or Q12.

(3) All carries 10 marks.

(4) Use of electronic pocket calculator is allowed.

(5) Assume suitable data, if necessary.

(6) Neat sketches must be drawn wherever necessary.

Q.No.		Statement	Marks	CO	BTL
1	a)	The main responsibility of the Network layer is to carry the data packets from the source to the destination without changing or using them?	5	1	2
	b)	If the packets are too large for delivery, they are fragmented i.e., broken down into smaller packets?	5	1	3
OR					
2	a)	THIS is user added question of marks 5	5	1	1
	b)	THIS is user added question of marks 5?????????	5	1	1
3	a)	The data word 1100111011 is to be sent using generator polynomial x^4+x+1 , Use CRC to compute the code word at the sender side.	5	2	2
	b)	A bit stream 1011101 is transmitted using a hamming code. Show the actual bit string transmitted. Suppose 6th bit from left is inverted during transmission, show that this error is detected and corrected at the receiver's end.	5	2	2
OR					
4	a)	A bit stream 1110101 is transmitted using a hamming code. Show the actual bit string transmitted. Suppose 5th bit from left is inverted	5	2	1

Q.No.		Statement	Marks	CO	BTL
5	a)	The main responsibility of the Network layer is to carry the data packets from the source to the destination without changing or using them?	5	1	2
	b)	If the packets are too large for delivery, they are fragmented i.e., broken down into smaller packets?	5	1	3
OR					
6	a)	THIS is user added quesrtion of marks 5	5	1	1
	b)	THIS is user added quesrtion of marks 5?????????	5	1	1
7	a)	The main responsibility of the Network layer is to carry the data packets from the source to the destination without changing or using them?	5	1	2
	b)	If the packets are too large for delivery, they are fragmented i.e., broken down into smaller packets?	5	1	3
OR					
8	a)	THIS is user added quesrtion of marks 5	5	1	1
	b)	THIS is user added quesrtion of marks 5?????????	5	1	1
9	a)	The main responsibility of the Network layer is to carry the data packets from the source to the destination without changing or using them?	5	1	2
	b)	If the packets are too large for delivery, they are fragmented i.e., broken down into smaller packets?	5	1	3
OR					
10	a)	THIS is user added quesrtion of marks 5	5	1	1
	b)	THIS is user added quesrtion of marks 5?????????	5	1	1
11	a)	The main responsibility of the Network layer is to carry the data packets from the source to the destination without changing or using them?	5	1	2
	b)	If the packets are too large for delivery, they are fragmented i.e., broken down into smaller packets?	5	1	3
OR					

Q.No.		Statement	Marks	CO	BTL
12	a)	THIS is user added quesrtion of marks 5	5	1	1
	b)	THIS is user added quesrtion of marks 5?????????	5	1	1

...All The Best...